INTERNATIONAL SEARCH REPORT

Pernational Application No PCT/IB2004/051304

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G09G3/36 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 G09G Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 4 724 433 A (INOUE HIROSHI ET AL) 1 - 9. 9 February 1988 (1988-02-09) 12-15 column 3, line 1 - column 4, line 23; Α 10,11 figures 4-7 X US 6 081 250 A (YAMASHITA TOSHIHIRO ET 1-9,12, AL) 27 June 2000 (2000-06-27) 14,15 Α column 4, line 32 - column 5, line 67; 10,11,13 figures 4-7 Α US 6 501 456 B1 (MATSUMOTO KATSUMI ET AL) 1-15 31 December 2002 (2002-12-31) column 7, lines 4-52 column 15, lines 8-27; figures 4,14,15 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 12 November 2004 23/11/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016 Waters, D

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nformation on patent family members

International Application No FCT/IB2004/051304

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4724433	Α	09-02-1988	JP	61117599 A	04-06-1986
US 6081250	A	27-06-2000	JP DE DE EP KR	5210089 A 69313886 D1 69313886 T2 0554129 A1 9609584 B1	20-08-1993 23-10-1997 26-03-1998 04-08-1993 20-07-1996
US 6501456	B1	31-12-2002	JP TW US	11237611 A 491954 B 6232939 B1	31-08-1999 21-06-2002 15-05-2001